

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3169
TO BE ANSWERED ON 11.07.2019

MANUFACTURING AND DEMAND OF SOLAR CELLS

3169. SHRI KOTHA PRABHAKAR REDDY

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether there are defined milestones by the Government to achieve the target of 100 GW solar capacity and 60 GW wind capacity by 2022;
- (b) if so, the details of the targets fixed and the achievements made in this regard on Year-Over-Year (YOY) basis;
- (c) if not, the reasons therefor and the reaction of the Government thereto;
- (d) whether the ratio of manufacturing and demand of solar cells in India is unity; and
- (e) if not, the calculated effective fiscal deficit for target of 100 GW in terms of current GDP?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY AND POWER
(SHRI R. K. SINGH)

(a) to (c) In order to tap the vast potential of solar energy, the Government has set a target of setting up of 100 GW solar power capacity and 60 GW wind power capacity by 2022 in the country. No year-wise targets have been fixed. The details of achievements made on Year-Over-Year (YOY) basis in setting up of solar and wind power capacity in last 5 years and current year are given in **Annexure**.

(d) and (e) India has a limited installed manufacturing capacity of solar cells of around 3GW per annum, whereas the annual demand is much larger. No assessment for fiscal deficit in terms of current GDP can be made as prices of solar cell & modules keep on changing and the capacity of solar cell & modules manufacturing in India is likely to increase.

ANNEXURE

**ANNEXURE REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION
NO. 3169 FOR 11.07.2019**

**DETAILS OF YEAR-WISE SETTING UP OF SOLAR AND WIND POWER CAPACITY
PROJECTS**

(As on 31.05.2019)

S. No	Year	Solar Capacity added during year (MW)	Solar Cumulative capacity (MW)	Wind Power Capacity added during year (MW)	Wind Power Cumulative Capacity (MW)
1.	2014-15	1112.07	3743.97	2311.78	23443.56
2.	2015-16	3018.883	6762.853	3423.05	26777.39
3.	2016-17	5525.98	12288.83	5502.37	32279.76
4.	2017-18	9362.67	21651.46	1865.24	34145.00
5.	2018-19	6529.20	28180.66	1480.97	35625.96
6.	2019-20	1228.57	29409.22	463.16	36089.13